



एनर्जी एफिशिएंसी सर्विसेज लिमिटेड
विद्युत मंत्रालय के सार्वजनिक क्षेत्र के उपक्रमों की संयुक्त उद्यम कंपनी
ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power

Amendment No. 5

Ref: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060/Amdt-5

Dated: 09-12-2021

To,
M/s
.....

SUBJECT: Amendment no.5 against NIT/ Bid Document No.: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060 Date:-25-10-2021 for “Empanelment of Independent NABL Accredited Laboratories for testing of LED Street Lights, LED Flood Lights, Industrial Lights, Building Lights, LED Flame Proof Lights, LED Bulbs, Tube Lights, Air Conditioners and Energy efficient ceiling fans as per technical specifications of EESL.”

References:

NIT/ Bid Document No.: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060 Date: 25-10-2021; E-Tender Id – 1854.

1. Online Pre Bid Meeting held on 01-11-2021 through Team Meeting.
2. Amendment No.1: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060/Amdt-1
3. Amendment No.2: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060/Amdt-2 Dated: 08-11-2021.
4. Amendment No.3: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060/Amdt-3 Dated: 29-11-2021.
5. Amendment No.4: EESL/06/2021-22/OTE/ NABL LAB EMPANELMENT/212210060/Amdt-4 Dated: 06-11-2021

Dear Sir/Madam,

Following Amendment(s) are hereby authorized:

1. The Bid Schedule mentioned in Section- 1 (ITB) is amended as below:-

Sr. No.	Description/Query/ Clarification Required	As per previous Amendment	Amended As/ Clarified as/Read as/ Incorporated as/Added as
1.	Document Sale Date & Timing i.e. Last Date for downloading RfP from website	Extended up to 13-12-2021 (up to 1400 hours IST).	Extended up to 16-12-2021 (up to 1400 hours IST).
	Online Bid Submission Time	Extended up to 13-12-2021 (up to 1430 hours IST).	Extended up to 16-12-2021 (up to 1430 hours IST).
	Technical E-Bid Opening Date & Time	Extended up to 13-12-2021 (up to 1500 hours IST).	Extended up to 16-12-2021 (up to 1500 hours IST).



पंजीकृत कार्यालय: एन. एफ. एल. बिल्डिंग, पाँचवा और छठा तल,
कोर - 3, स्कोप कॉम्प्लेक्स, लोधी रोड, नई दिल्ली - 110003
दूरभाष: +91 (011) 45801260, फ़ैक्स: +91 (011) 45801265
वेबसाइट: www.eeslindia.org

REGISTERED OFFICE: NFL Building, 5th & 6th Floor,
Core – III, SCOPE Complex, Lodhi Road, New Delhi – 110003
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Signature :-
Serial No :-SACHIN KUMAR SERIALNUMBER=94c80ba5349d8e222b117f5cec7938d
e495fa068d124509b12749c505996,ST=DELHI,OID.2.5.4.17=110003,OID
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Z=DELHI,OU=SENIOR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT
EDC
User ID : sachin.kumar
Serial No : 14513AF
Signature of Sachin Kumar
Date : 09-10-2021

10	Section-4, Page No.8 of 37, Para No/ Clause No. Package 2 Testing protocol for LED Streetlight Luminaire, Floodlight Luminaire & Industrial Lights	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for 20KV/10KA test condition	We don't have the surge test facility beyond 6KV capacity. Request for consideration for allowing subcontracting to another NABL lab.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successful bidder. In case the successful bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
11	SectionNo.4, Page No. 14, ParaNo/ ClauseNo.: Sr. no. 3	Updated certificate of accreditation from NABL in the following discipline of photometry, Electrical and Electronics by a single laboratory	Updated Certificate of our NABL is under renewal but we have NABL extension so can we enclosed extension along with current certificate.	Amended As : If the NABL accreditation is under renewal at the time of bid and the award of certification by NABL is under process and due for issuance at the time of bid, the bidder should submit proof of NABL application and corresponding formal communication received from NABL at the time of bid. The successful bidder must submit valid NABL accreditation certificate within 1 month from the date of issuance of LoI or else the LoI shall stand cancelled. All bidders who don't possess the valid NABL accreditation certification at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-II along with the bid or else the bid shall be rejected.

Signature :- SACHIN KUMAR SERIALNUMBER=94680ba5349d8e222b112f5ec7938d
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 ED:04098c_OU=3 SACHIN KUMAR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT
 User ID : sachin.kumar
 Serial No :- 197337
 Date :- 09/12/2021
 Digitally signed by Sachin Kumar (Kumar)



Sachin

12	page 8 of 37 of Section-4 (Technical & SSC) for Pakage-2		ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-2 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
13	page 9 of 37 of Section-4 (Technical & SSC) for Pakage-3		ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-3 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
14	page 11 of 37 of Section-4 (Technical & SSC) for Pakage-4		ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-4 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.

However, the prospective bidders are advised to regularly keep visiting and checking the E-Procurement portal website (<https://eesl.proc.in>) for any further forthcoming information/ notice(s)/ developments/amendment(s)/ clarification(s) regarding the subject Tender.

Rest all the terms and conditions of the RfP and subsequent amendment remains unchanged.

Thanking You,



For and on behalf of EESL

Sr. Engg. (SCM)



Signature :-
eas9fa068d124509b12749c505996, ST=DELHI, OID.2.5.4.17=110003, OID
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EID=4059K, OU=SENIOR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT
User ID : sachin.kumar
Serial No : 14513AF
33 p. 11/10/2021 (sachin.kumar)
Date : 09-10-2021



ANNEX – I

“UNCONDITIONAL DECLARATION FOR SURGE TEST EQUIPMENT OF REQUISITE RATING AND IT’S VALID NABL ACCREDITATION CERTIFICATION”

This is to confirm that our firm i.e. _____ with it’s registered office at _____ & Testing laboratory(s) at _____ don’t have the minimum requisite testing facility along with it’s NABL accreditation at the time of the bid for carrying out surge test as per EESL’s referred tender specifications. We are in the process of procurement/installation & commissioning of the requisite surge test equipment to meet the tender criteria and shall complete the NABL accreditation process within the stipulated time of maximum of 6 months from the date of issuance of Lol in case we are successful in the techno-commercial bidding process of EESL. We also understand that the LoA will be awarded to us only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the EESL officials.

We also confirm that no sort of sub-contracting shall be done for testing of EESL samples throughout the tenure of the award of work.

In case we fail to submit the physical and documentation proof within the stipulated time, the Lol may be cancelled and there would be no legal and financial implication of any sort to EESL.

Encl : The proof(s) for procurement of the test equipment are attached along. (If applicable)

Dated -

Yours Truly,



Signature :-
Subject : CN=SACHIN KUMAR, SERIALNUMBER=94c80ba5349d8e2272b117ff5cec7938d1ea95fa068d124509b1c2f49c50596, ST=DELHI, OID.2.5.4.17=110003, OID.2.5.4.65=b799373457018502c7a7ef5688fca264533560a452d1de3e6c529dd15fc4056c, OU=SENIOR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prasant Kumar)
Date : 09-12-2021



ANNEX – II

“UNCONDITIONAL DECLARATION FOR VALID NABL ACCREDITATION CERTIFICATION”

This is to confirm that our firm i.e. _____
has it's registered office at _____
&testing laboratory(s) at _____.

We hereby confirm that therequisite NABL accreditation of our Laboratory for the following _____ disciplines
i.e. _____ is under
renewal at the time of bid submission and the award of certification by NABL is under
process and due for issuance at the time of bid submission.

The proof of NABL application and corresponding formal communication received from NABL at the time of bid is attached along.

We are in the process of getting the NABL accreditation to meet the tender criteria and shall complete the NABL accreditation process within the stipulated time of maximum of 1 month from the date of issuance of Lol in case we are successful in the techno-commercial bidding process of EESL.

In case we fail to submit the documentation proof of valid NABL accreditation within the stipulated time, the Lol may be cancelled and there would be no legal and financial implication of any sort to EESL.

Encl : The documentation proof(s) for application submitted for renewal of NABL accreditation certification by our firm to NABL and corresponding formal communication received from NABL at the time of bid is attached along.

Dated -

Yours Truly,



Signature :-
Subject : CN=SACHIN KUMAR, SERIALNUMBER=94c80ba5349d8e2272b117ff5cec7938d:
ea95fa068d124509b1c2f49c50596, ST=DELHI, OID.2.5.4.17=110003, OID
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15fc4056c, OU=SENIOR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT
ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prasanth Kumar)
Date : 09-12-2021

ANNEX – III

S. No.	PackageNo.	ProductDescription	TentativeQuantitytobetested (InNos.)
1	Package-1	LED BulbTesting	100
2	Package-2	LED Luminaires (StreetLight, FloodLightandIndustrialLight)	400
3	Package-3	LED BuildingLights	100
4	Package-4	LED FlameproofLights	50
5	Package-5	SuperEnergyEfficientAirConditioners	30
6	Package-6	EnergyEfficientFans	50



Signature :-
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15fc4056c, OU=SENIOR ENGINEER, O=ENERGY EFFICIENCY SERVICES LIMIT
ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Pras hant Kumar)
Date : 09-12-2021

PACKAGE – 1 :TESTING PROTOCOL FOR UJALA– LED BULB TESTING:

S. No	Test Details	Sample/Size
1	Type tests as per IS16102 : Part 1: 2012 (Reaffirmed Year : 2017) with applicable amendments (W/O FaultConditions)	70 nos. in 1 lot
2	Type tests as per IS16102 : Part 2 : 2017 (with applicable amendments)	
	a. Electrical (System power, power factor, supply current) and photometric (system luminous, flux, System Efficiency, Beam Angle) and Colorimetric(CCT, CRI, Co-Ordinate) Measurement	
	b. Harmonic	
3	Test for Emission (radiated & conducted) LED Bulb	
4	Operating Voltage range and Test for Constant LightOutput (100V-300V) as per customer test protocol	
5	LED Driver Current and Efficiency as per Customer Test Protocol	
6	Thermal IN SITU test (Bulb Body, LED Shoulder pointand LED driver component case temperature) for 24 Hrs. as per customer test protocol.	
7	Lighting testing, Surge testing at 2.5 KV as per customerprotocol and Test Method as per IEC 61000-4-5	
8	Type tests as per IS16102 : Part 2 :2017 (with applicable amendments)	
	A) Life test up to 6000 Hrs and Lumen Maintenance at every 1000 Hrs	
9	Type tests as per IS 16102 : Part 2 : 2017 (with applicable amendments)	
	1. Endurance test7 1.1 Temperature Cyclic test 1.2 Switching Cycle test 1.3 Accelerated Operational Life test	
	Total price	



Signature :-
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 ED, C=IN
 User ID : sachin.kumar
 Serial No : 14513AF
 PB : p.kumar(Prasant Kumar)
 Date : 09-12-2021

PACKAGE-2 : TESTING PROTOCOL FOR LED StreetlightLuminaire, LEDFloodlightLuminaireandIndustrialLights:

S. No	Test Details	Sample Qty. /
1	Lighting Testing : (i) Electrical (System Power, Power factor, Supply Current) (ii) Photometric (System Luminous Flux, System efficiency) (iii) Colorimetric (CCT, CRI, Co- Ordinate) measurement as per IS 16106:2012 (Reaffirmed Year : 2017)	1 lot
2	Illuminance Uniformity verification (usingIES file data) as per customer test protocol	(All tests in the Test sequence given in Column No-2 "Test Details" to be conducted and in the event of any failure, no further test to be carried out)
3	Lighting testing, operating voltage range (110V– 320V) and test for constant light output as per customer test protocol	
4	Lighting testing, measurement of supply current, total harmonic distortion(THD) as per customer test protocol and test method as per IEC 61000 – 3-2	
5	Lighting Testing, LED Driver Current andEfficiency as per customer test protocol	
6	Lighting testing, Thermal IN SITU test (Luminaire body, LED Solder Point and LEDDriver case temperature) for 24Hrs as per customer test protocol	
7	Lighting testing; Type testing as per IS 10322, Part 5, section 3 / IEC 60598 – 2-3 (Include safety, reliability, IP test)	
7		
8(a)	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for 4 KV Test Condition.	
8(b)	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to beconducted for 20 KV/ 10 KA Test Condition.	
	Total price	1 lot



Signature :-
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ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prasant Kumar)
Date : 09-12-2021

PACKAGE -3 :TESTING PROTOCOL FOR LED BuildingLights (LED Tubelight, LED Panel Lights, LED Downlights, LED Bulb setc.)

S. No	Test Details	Sample Qty. /Test Condition (2 nos. in 1 lot)
1	Lighting Testing : (i) Electrical (System Power, Power factor, Supply Current) (ii) Photometric (System Luminous Flux, System efficiency) (iii) Colorimetric (CCT, CRI, Co- Ordinate) measurement as per IS 16106: 2012 (Reaffirmed Year : 2017)	1lot
2	Illuminance Uniformity verification (using IES file data) as per customer test protocol	(All tests in the Test sequence given in Column No-2 "Test Details" to be conducted and in the event of any failure, no further test to be carried out)
3	Lighting testing, operating voltage range (100-300V) and test for constant light output as per customer test protocol	
4	Lighting testing, measurement of supply current, total harmonic distortion (THD) as per customer test protocol and test method as per IEC 61000 –3-2	
5	Lighting Testing, LED Driver Current and Efficiency as per customer test protocol	
6	Lighting testing, Thermal IN SITU test (Luminaire body, LED Solder Point and LED Driver case temperature) for 24 Hrs. as per customer test protocol	
7	Lighting testing, type testing as per IS 10322, Part 5, section 3 / IEC 60598 – 2-3 (Include safety, reliability, IP test)	
8(a)	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for 4 KV Test Condition.	
8(b)	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for 20 KV/ 10 KA Test Condition	
	Total price	1 Lot



Signature :-
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User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prasant Kumar)
Date : 09-12-2021

PACKAGE – 4 : TESTING PROTOCOL FOR LED FlameProofLights:

(A) PART –I

S. No.	TestDescription	ClauseNo	Sample Qty. /Test Condition (2 nos. in 1 lot)
1	ThermalTest	26.5 of IS/IEC 60079 :PART 0 : 2017	(All tests in the Test sequence given in Column No-2 “Test Details” to be conducted and in the event of any failure, no further test to be carried out)
2	ThermalShocktest (GlassWindow)	26.5.2 of IS/IEC 60079 : PART 0 : 2017	
3	ThermalEndurancetoHeatTest	26.8 of IS/IEC 60079 : PART 0 : 2017	
4	ThermalEndurancetoColdTest	26.9 of IS/IEC 60079 : PART 0 : 2017	
5	ResistancetoImpacttest	26.4.2 of IS/IEC 60079 : PART 0 : 2017	
6	IngressProtectionTest	IPXX test as per 26.4.5 of IS/IEC 60079-PART 0 : 2012/IS/IEC 60079 : PART 0:2011	
7	ReferencePressureMeasurement (Determination of explosion pressure)	15.2.2 of IS/IEC 60079 :PART 1 : 2014	
8	Over-PressureTest	15.2.3 of IS/IEC 60079 : PART 1 : 2014	
9	Test for non-transmission of an internal ignition	15.3.1 & 15.3.2.1 of IS/IEC 60079 :PART 1 : 2014	

(B) PART –II

S. No.	Test Details	Sample Qty. /Test Condition (2 nos. in 1lot)
1	Lighting Testing, 1. Electrical (System Power, Power factor, Supply Current) and Photometric (System Luminous Flux, System efficiency) and colorimetric (CCT, CRI, Co- Ordinate) measurement as per IS16106: 2012 (Reaffirmed Year : 2017)	1lot (All tests in the Test sequence given in Column No-2 “Test Details” to be conducted and in the event of any failure, no further test to be carried out)
2	illuminance (Uniformity verification (using IES file data) as per customer test protocol	
3	Lighting testing, operating voltage range (110- 320V) and test for constant light output as per customer test protocol	
4	Lighting testing, measurement of supply current, total harmonic distortion (THD) as per customer test protocol and test method as per IEC 61000 – 3-2	
5	Lighting Testing, LED Driver Current and Efficiency as per customer test protocol	



Signature :-
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6	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for : 1. 4KVTestCondition 2. 20KV/10KA Test Condition	
	Total price	1 lot

PACKAGE – 5 :TESTING PROTOCOL FOR EnergyEfficientAirConditioner(5Star/Invertor AC)

S. No.	Test Details	Sample Qty. /Test Condition
1	Safety (IS/IEC 60335 : PART 2 : SEC 40 : 2018) (with applicable amendments)	1 Lot
2	Performance (IS1391 (Part-1) & (Part-2)) (with applicable amendments)	(All tests in the Test sequence given in Column No-2 “Test Details” to be conducted and in the event of any failure, no further test to be carried out)

PACKAGE – 6 : TESTING PROTOCOL FOR EE CeilingFans (Refer IS 374 : 2019 (withapplicable amendments))

S.No	Test Description			Test Sequence	Sample Qty. /Test Condition
1	Marking & Air Delivery Test			1	(All tests in the Test sequence given in Column No-2 “Test Details” to be conducted and in the event of any failure, no further test to be carried out)
2	Temperature Rise Test			2	
3	Leakage Current Test			3	
4	High Voltage & Insulation Resistance Test			4	
5	Starting Test			5	
6	Fan Speed & Input Test			6	
7	Earthing Connection Test			7	
8	Suspension System Test			8	
9	Creepage &Clearance distances Test			9	
10	Remote Functionality Test			10	
10.1	Remote Button	Speed	Function	11	
	Step 1	140±10% or 170±10%	Fan Speed Change		
	Step 2	190±10% or 213±10%			
	Step 3	240±10% or 256±10%			



Signature :-
Subject : CN=SACHIN KUMAR, SERIALNUMBER=94c80ba5349d8e2272b117ff5cec7938d
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ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Pras hant Kumar)
Date : 09-12-2021

	Step 4	290±10% or 300±10%		
	Step 5	340±10% or 340±10%		
	Boost	360±10%		
10.2	Fan ON/OFF	Fan ON & Fan OFF		12
	2 Hr Timer	Fan will be OFF after 2 Hrs of Continuous Operation		
	4 Hr Timer	Fan will be OFF after 4 Hrs of Continuous Operation		
	6 Hr Timer	Fan will be OFF after 6 Hrs of Continuous Operation		
	8 Hr Timer	Fan will be OFF after 8 Hrs of Continuous Operation		
10.3	Remote should perform above mentioned functions atleast with conical area of 120 degrees and minimum diagonal distance of 15 feet.			13



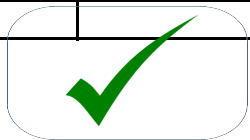
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User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prasant Kumar)
Date : 09-12-2021

Name of Work: Empanelment of Independent NABL Accredited Laboratories for testing of LED Streetlights, LED Floodlights, Industrial Lights, Building Lights, LED Flame Proof Lights, LED Bulbs, Tube Lights, Air conditioners and Energy Efficient ceiling fans as per technical specifications of EESL.

Tender No. EESL/06/2021-22/OTE/NABL LAB EMPANELMENT/212210060 Date: 25-10-2021

Tender ID E-Tender ID: 1854

Sr. No.	SectionNo.	Description as Per RFP	Queries/ Clarification of the bidder	Clarification/ Amendment/ Response from EESL
	PageNo.			
	ParaNo/ ClauseNo.			
1	Section No. 2	Patent Indemnity	Maximum liability should be to the extent of the fees received from EESL	Clarification: Remains the same as per RfP
	Page No. 21 of 39			
	ParaNo/ ClauseNo. 2.25 Patent Indemnity			
2	Section No. 2	Act of God, natural calamities, civil wars, strikes, fire, frost, floods, riot	Pandemic/Endemic should be included	Clarification: Remains the same as per RfP
	Page No. 21 of 39			
	Para No/ Clause No. 2.26 Force Majeure			
3	Section No. 2	Liquidated damages to EESL and the aggregate liability	The maximum liability should be upto the fees paid by EESL	Clarification: Remains the same as per RfP
	Page No. 21 of 39			
	Para No/ Clause No. 2.27 Limitation of Liability			
4	Section No. 2	Sales Tax & Duties	Should be changed to GST	Clarification: Remains the same as per RfP
	Page No. 24 of 39			
	Para No/ Clause No. 4.8 Commercial Evaluation			
5	Section No. 2	Functional Guarantees of the facilities	This clause should be removed as it is not applicable for testing/reporting job	Clarification: Remains the same as per RfP
	Page No. 25 of 39			
	Para No/ Clause No. 4.9 (c) Functional Guarantees of the facilities			
6	Section No. 2	Taxes & Duties	GST to be included	Clarification: Remains the same as per RfP
	Page No. 26 of 39			
	Para No/ Clause No. 4.10, 2, Illustrative method of evaluation			



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7	Section No. 2	Corrupt & Fraudulent Practices	UL's client's business code of conduct and Anti bribery conditions to be attached and accepted	Clarification: Remains the same as per RfP
	Page No. 29 of 39			
	Para No/ Clause No. 5.10, Corrupt or Fraudulent Practices			
8	Section No. 2	completion time guarantee	Request for removal	Clarification: Remains the same as per RfP
	Page No. 30 of 39			
	Para No/ Clause No. 9 Completion time Guarantee			
9	Section No. 2	Defect Liability	Not Applicable	Clarification: Remains the same as per RfP
	Page No. 31 of 39			
	Para No/ Clause No. 10.0 Defect Liability			
10	Section No. 2	Insurance	UL has blanket insurance policy for all its companies taken at HQ	Clarification: Remains the same as per RfP
	Page No. 33 of 39			
	Para No/ Clause No. 13 Insurance			
11	Section No. 2	Transportation, Demurrage Wharfage etc.	Not applicable	Clarification: Remains the same as per RfP
	Page No. 33 of 39			
	Para No/ Clause No. 14 Transportation, Demurrage Wharfage etc.			
12	Section No. 2	Warranty	We can only warrant on the report. Other conditons are not applicable	Clarification: Remains the same as per RfP
	Page No. 33 of 39			
	Para No/ Clause No. 15, Warranty			
13	Section No. 2	Settlement of Disputes	It should be as per the provisions of Indian Arbitration and Conciliation Act 1996 and the rules and regulations made thereunder	Clarification: Remains the same as per RfP
	Page No. 34 of 39			
	Para No/ Clause No. 17, Settlement of Disputes			
14	Section No. 2	Suspensions or Termination	If the contract is terminated then all dues to be paid till the date of termination	Clarification: Remains the same as per RfP
	Page No. 38 of 39			
	Para No/ Clause No. 24, Suspensions or Termination			



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15	Section No. 3	Intellectual Property	IP will be limited to the reports provided.	Clarification: Remains the same as per RfP
	Page No. 18			
	Para No/ Clause No. D, Intellectual Property			
16	Section No. 3	Suspension	If the work is suspended beyond a certain no. of days then we should be paid for the idle time arising out of such suspension	Clarification: Remains the same as per RfP
	Page No. 49			
	Para No/ Clause No. 41, Suspension			
17	Section No. 3	Adjudicator	Should be appointed by the consensus of both the parties.	Clarification: Remains the same as per RfP
	Page No. 24 of 37			
	Para No/ Clause No. 10, Adjudicator			
18	Section No. 6	Certificate regarding Acceptance of Important Conditions	To be modified considering the above changes which has been requested	Clarification: Remains the same as per RfP
	Page No.			
	Para No/ Clause No. Attachment 4, Certificate regarding Acceptance of Important Conditions			
19	Section No. 4	Performance Bank Guarantee	Request for consideration of removal of PBG of amount INR 10 Lacs	Clarification: Remains the same as per RfP
	Page No. 24 of 37			
	Para No/ Clause No. 8 Performance Bank Guarantee			



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20	Section No. 4	Surge testing as per customer test protocol and test method as per IEC 61000-4-5 to be conducted for 20KV/10KA test condition	We don't have the surge test facility beyond 6KV capacity. Request for consideration for allowing subcontracting to another NABL lab.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successful bidder. In case the successful bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
	Page No. 8 of 37			
	Para No/ Clause No. Package 2 Testing protocol for LED Streetlight Luminaire, Floodlight Luminaire & Industrial Lights			
21	Section No. 4	8 A) Life test upto 6000 Hrs. and Lumen Maintenance at 12000 Hrs.	Whether Lumen maintenance to be done upto 6000 Hrs. OR 12000 Hrs.	Amended As: Life test upto 6000 Hrs and Lumen Maintenance at every 1000 Hrs. Refer amended Test Protocols as in Annex-III.
	Page No. 7 of 37			
	Para No/ Clause No.8 Package 1 LED Bulb Testing			
22	Section No. 4	Thermal INSITU as per IS 10322	Need confirmation if this is required and IS 10322 is the standard for LED Luminaire	Amended As: Amendment applicable for Test Protocol for Package No 1 & 2 : Thermal IN SITU test (Bulb Body, LED Shoulder point and LED driver component case temperature) for 24 Hrs. as per customer test protocol. Refer amended Test Protocols as in Annex-III
	Page No. 7 of 37			
	Para No/ Clause No.6 Package 1 LED Bulb Testing			



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23	Section No.- 4, Para No/ Clause No.- Sr. No. 8 & 9, PageNo.- 7	Sr. no.8 Type tests as per IS:16102- part2-2012, Sr. no.9 Type tests as per IS:16102- part2-2017	Both has different year in IS Standard. Do you need the testing as per both IS i.e. IS:16102- part2-2012 & IS:16102- part2- 2017	Amended As: Refer amended Test Protocols as in Annex-III
24	Section No.- 4, PageNo.- 7	Sample/ Size : 50 Nos. in 1 lot	We need 70 Nos. in 1 Lot	Amended As:Sample Size : 70 Nos. in 1 Lot. Refer amended Test Protocols as in Annex-III
25	SectionNo.4, Page No. 14, ParaNo/ ClauseNo.: Sr. no. 3	Updated certificate of accreditation from NABL in the following discipline of photometry, Electrical and Electronics by a single laboratory	Updated Certificate of our NABL is under renewal but we have NABL extension so can we enclosed extension along with current certificate.	Amended As : If the NABL accreditation is under renewal at the time of bid and the award of certification by NABL is under process and due for issuance at the time of bid, the bidder should submit proof of NABL application and corresponding formal communication received from NABL at the time of bid. The successful bidder must submit valid NABL accreditation certificate within 1 month from the date of issuance of LoI or else the LoI shall stand cancelled. All bidders who don't possess the valid NABL accreditation certification at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-II along with the bid or else the bid shall be rejected.
26	SectionNo. 4 PageNo. 15 ParaNo/ ClauseNo. Sr. No. 9	Detailed approach note on the mechanism followed/adopted for sample selection and sample pick-up for testing	What does mean sample selection? Do we need to draw the sample or we have to only pickup from EESL Office	Clarification : Guidelines for submission & handover of samples is briefly explained at Clause No 2.2 of PART-B at Page No 12 of 37 of Section No-4 of RfP.
27	SectionNo. 1 PageNo. 2 ParaNo/ ClauseNo. BID Details	Bidding Document Cost: Rs. 25000/- (non- refundable)	It is too much high and non- refundable.	Clarification: Remains the same as per RfP



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28	Do	Do	EMD/BS in Rs. not mentioned	Clarification: Remains the same as per RfP
	Do	Do	Contract period	
	Do	Do	Bid submission & Bid opening period to be extended to 30/11/2021 as very limited time as onset of DIWALI.	
29	Do	E-bid opening date & time	Through Online Only	Clarification: Remains the same as per RfP
	page 1, Cl.3, Para no. 2 Note	Registration with C-1 India	We had participated earlier in online bids	
30	Cl. No B/ para 2.1 Section No. 3	Single stage Envelope Bidding General Condition of Contract(GCC)	Since it is an Online bid, Envelope to be suffixed with suitable word	Clarification: Remains the same as per RfP
31	Complete GCC		Many Clauses similar to ITB. We feel not applicable to Labs as relates to Mfrs./ material suppliers	Clarification: Remains the same as per RfP
Section No. 4., Part B		SOW LED Bulbs Testing		
32	Package-1, Page-7, Sr. No.8A ALSO IN ANNEX-D	Life Test: Lumen Maintenance	Life Test upto 6000 Hrs & Lumen Maintenance at 12000 Hrs is conflicting.	Amended As: Life test upto 6000 Hrs and Lumen Maintenance at every 1000 Hrs. Refer amended Test Protocols as in Annex-III
33	Package-2, page-8, Sr. No.7, ALSO IN ANNEX-D	Lighting Testing	Testing per IS 10322 part-5 Sec. 3	Clarification : Refer revised Test Protocols as in Annex-III
34	Package-3, page-9, Sr. No.7, ALSO IN ANNEX-D	Lighting Testing	Testing per IS 10322 part-5 Sec. 3	Clarification : Refer revised Test Protocols as in Annex-III



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35	Package-6, page-11, Sr. No.1 ALSO IN ANNEX-D	Marking & Air Delivery	Specification number missing	Clarification : Refer revised Test Protocols as in Annex-III
	PART-B,	Qualifying Requirements		
36	Cl. No. 3, Page No. 15, Sr. No. 10	Testing of Projects in No./Qty. for Packages1-6	Too stringent & Unrealistic to earn in a Yr. by any Lab & will discourage MSMEs.	Clarification : The previous work experience requirement under Qualifying Requirements at Page No 15 of 37 of Section No-4 of RfP for all packages 1 to 6 is cumulative experience in the last 3 years as on the date of publication of the tender.
37	Cl. No. 3, Page No. 16, Sr. No. 11	Do	Do	Clarification: Remains the same as per RfP
	PART-C,	Special Condition of Contract		
38	Cl. No. 8, page No. 24, para-1	(PBG)Performance Bank Guarantee	PBG Rs. 10,00,000 is too high, Locked for 3 years & hard to afford (for the domestic MSME Labs that Demotivates & Discourages to Bid) for a Service Provider.	Clarification: Remains the same as per RfP
39		Page 15 of 37 of Section-4 (Technical &SSC)	Requirement for flameproof lighting for previous work experience of 40 lots, is slightly more. It should be experience in nos. of year like 2 or 3 years.	Clarification : The previous work experience requirement under Qualifying Requirements at Page No 15 of 37 of Section No-4 of RfP for all packages 1 to 6 is cumulative experience in the last 3 years as on the date of publication of the tender.
40		page 33 of 37 of Section-4 (Technical &SSC)	Standard mentioned as EN/IEC 60079, It should be Indian Standard IS/IEC 60079 because EN represents european standards.	Amended As: Standard to be referred is IS/IEC 60079. Refer amended Test Protocols as in Annex-III



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41	page 7 of 37 of Section-4 (Technical & SSC) for Package-1	1) Year of IS 16102-Pt-1: 2017 needs to be modified with year 2012. 2) IS 16102-Pt-2: 2012 to be modified with year 2017	Amended As: Refer amended Test Protocols as in Annex-III
42		3) sample size to be modified with 70 instead of 50 Nos.	Amended As: Sample Size : 70 Nos. in 1 Lot. Refer amended Test Protocols as in Annex-III
43		4) Lumen maintenance test to be modified with 1000 hrs. instead of 12000hrs.	Amended As: Life test upto 6000 Hrs and Lumen Maintenance at every 1000 Hrs. Refer amended Test Protocols as in Annex-III



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44		page 8 of 37 of Section-4 (Technical & SSC) for Pakage-2	ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-2 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
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45		page 9 of 37 of Section-4 (Technical & SSC) for Pakage-3	ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-3 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
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46	page 11 of 37 of Section-4 (Technical & SSC) for Pakage-4	page 11 of 37 of Section-4 (Technical & SSC) for Pakage-4	ERDA has surge test facility up to 10kV only. ERDA do not have surge test facility for 20kV/10KA hence requested to modified requirment up to 10kV or suggest for further action whether we should participate with 10kV surge capacity for Pakage-4 or not.	Amended As : The requirement for surge testing shall be as per RfP & no sort of sub-contracting shall be allowed. Successful Bidders shall be given a maximum of 6 months from the date of issuance of LoI for setting-up of necessary test equipment and submission of valid NABL accreditation for surge test equipment and facility. Only after physical visit of the test facility and successful witnessing of surge test as per tender requirement by the committee members, LoA shall be awarded to the prospective successfull bidder. In case the successfull bidder fails to submit above proofs within the stipulated time, the LoI shall stand cancelled without any financial implication of any sort to EESL. All bidders who don't possess the requisite surge test facility at the time of bidding shall compulsorily submit an unconditional declaration as per attached Annex-I along with the bid or else the bid shall be rejected.
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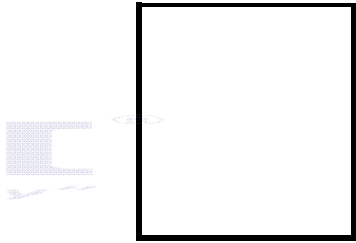
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Subject : CN=SACHIN KUMAR, SERIALNUMBER=94c80ba5349d8e2272b117ff5cec7938d
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ED, C=IN
User ID : sachin.kumar
Serial No : 14513AF
PB : p.kumar(Prashant Kumar)
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